

**FIG. 1A**

SCSI PARALLEL INTERFACE (SPI) FEATURES, DEFINED BY SCSI-2

INTERFACE	BUS SPEED (MBytes/s)	BUS WIDTH (Bits)	MAXIMUM BUS LENGTH (metres)	DEVICES PER BUS
FAST SCSI	10	8	25	8
WIDE SCSI	10	16	25	16
FAST-WIDE	10	16	25	16

**FIG. 1B**

SCSI PARALLEL INTERFACE (SPI) FEATURES, DEFINED BY SCSI-3

INTERFACE	BUS SPEED (MBytes/s)	BUS WIDTH (Bits)	MAXIMUM BUS LENGTH (metres)	DEVICES PER BUS
ULTRA SCSI	20	8	25	8
WIDE ULTRA SCSI	40	16	25	16

**FIG. 1C**

SCSI PARALLEL INTERFACE-2 (SPI-2) FEATURES, DEFINED BY SCSI-3

INTERFACE	BUS SPEED (MBytes/s)	BUS WIDTH (Bits)	MAXIMUM BUS LENGTH (metres)	DEVICES PER BUS
ULTRA2 SCSI	40	8	12	8
WIDE ULTRA2 SCSI	80	16	12	16

**FIG. 1D**

SCSI PARALLEL INTERFACE-3 (SPI-3) FEATURES, DEFINED BY SCSI-3

INTERFACE	BUS SPEED (MBytes/s)	BUS WIDTH (Bits)	MAXIMUM BUS LENGTH (metres)	DEVICES PER BUS
ULTRA3 SCSI	80	8	12	8
WIDE ULTRA3 SCSI	160	16	12	16

FIG. 1A

FIG. 2  
SCSI-3 ARCHITECTURE ROADMAP

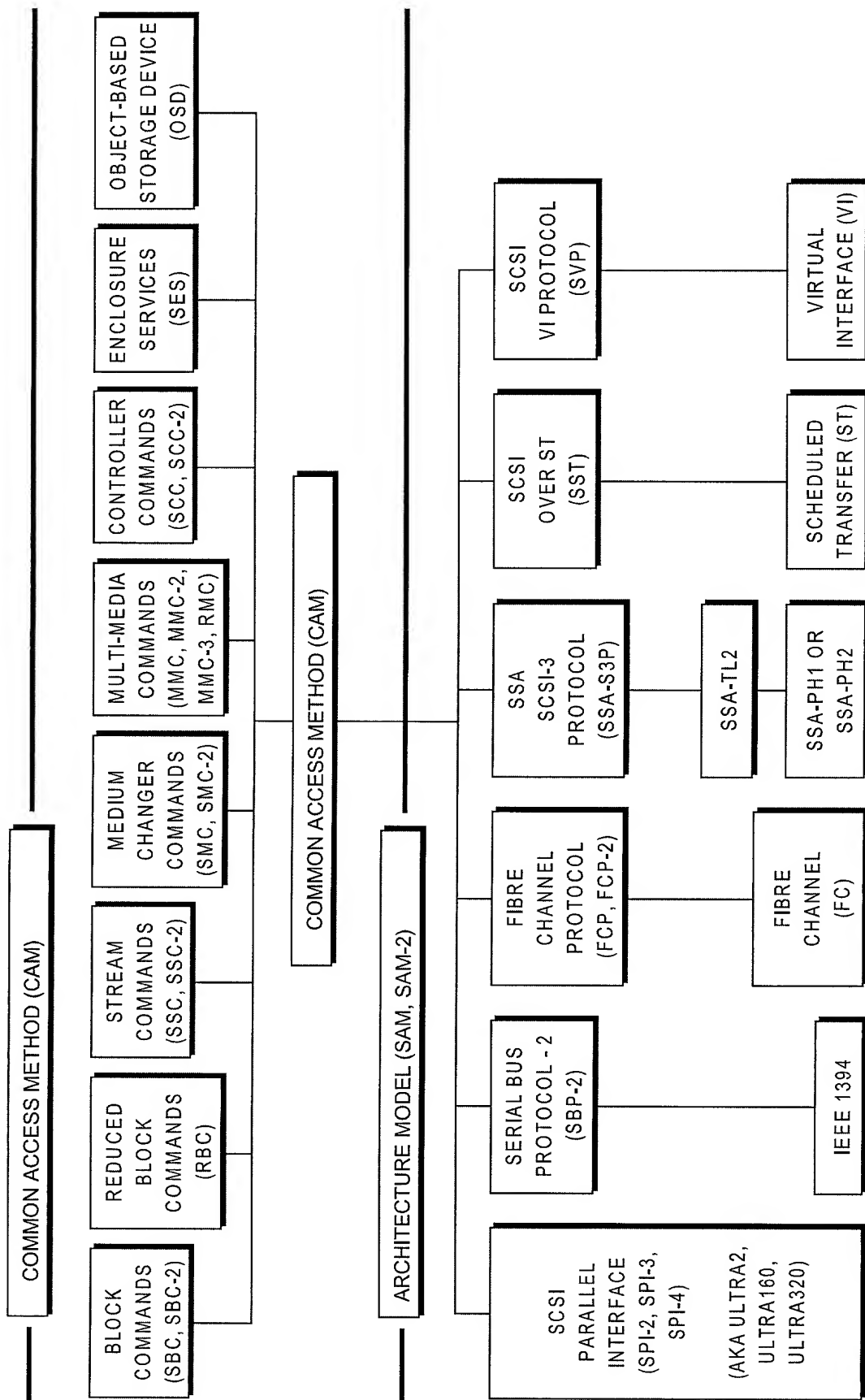


FIG. 3A

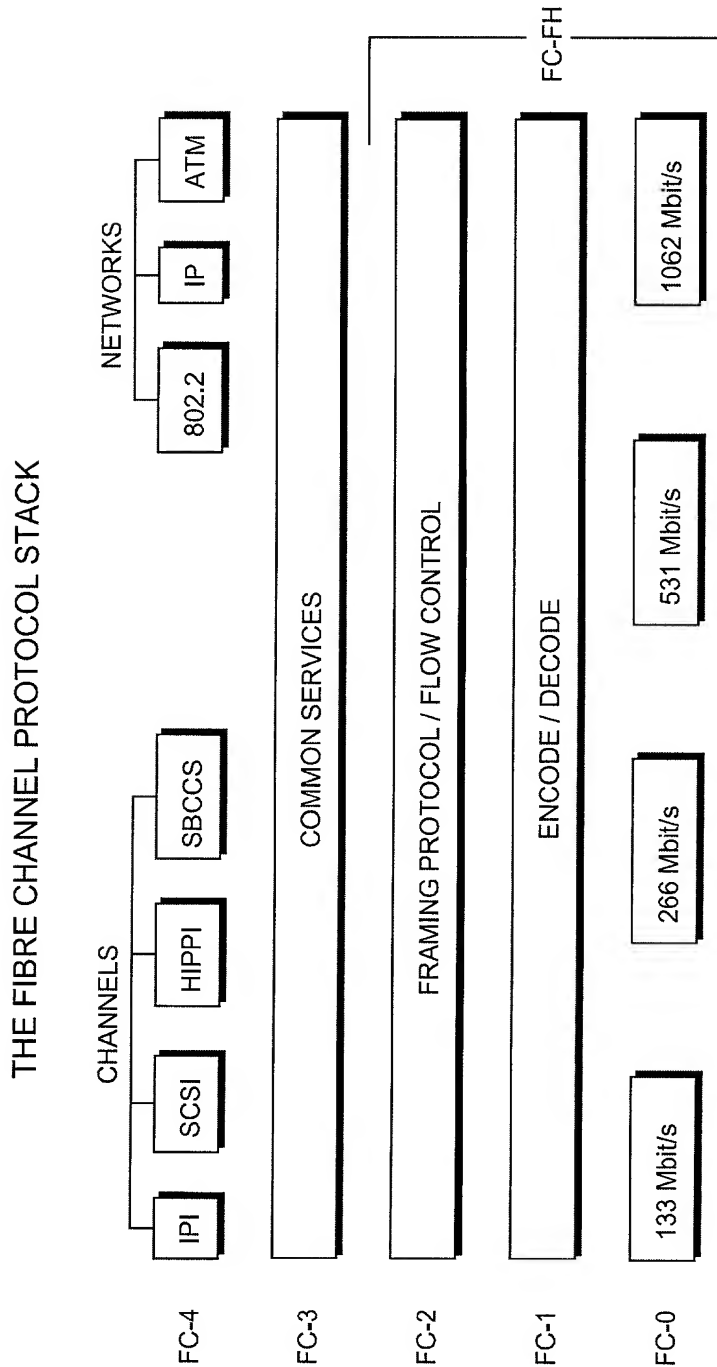


FIG. 3B

GIGABIT CHANNEL LINKS	FIBRE TRANSCEIVER	DISTANCE	APPLICATION
TWINAX COPPER	ELECTRICAL	30 m	DATA CENTRE AND WORKGROUP
MULTIMODE CABLE 62.5 MICRON	SHORT WAVE LASER	100 m to 300 m	PRESERVE FDDI CABLE INVESTMENT
MULTIMODE CABLE 50 MICRON	SHORT WAVE LASER	500 m	SMALL CAMPUS
MULTIMODE CABLE 7 - 9 MICRON	LONG WAVE LASER	10 km	LARGE CAMPUS

FIG. 4A

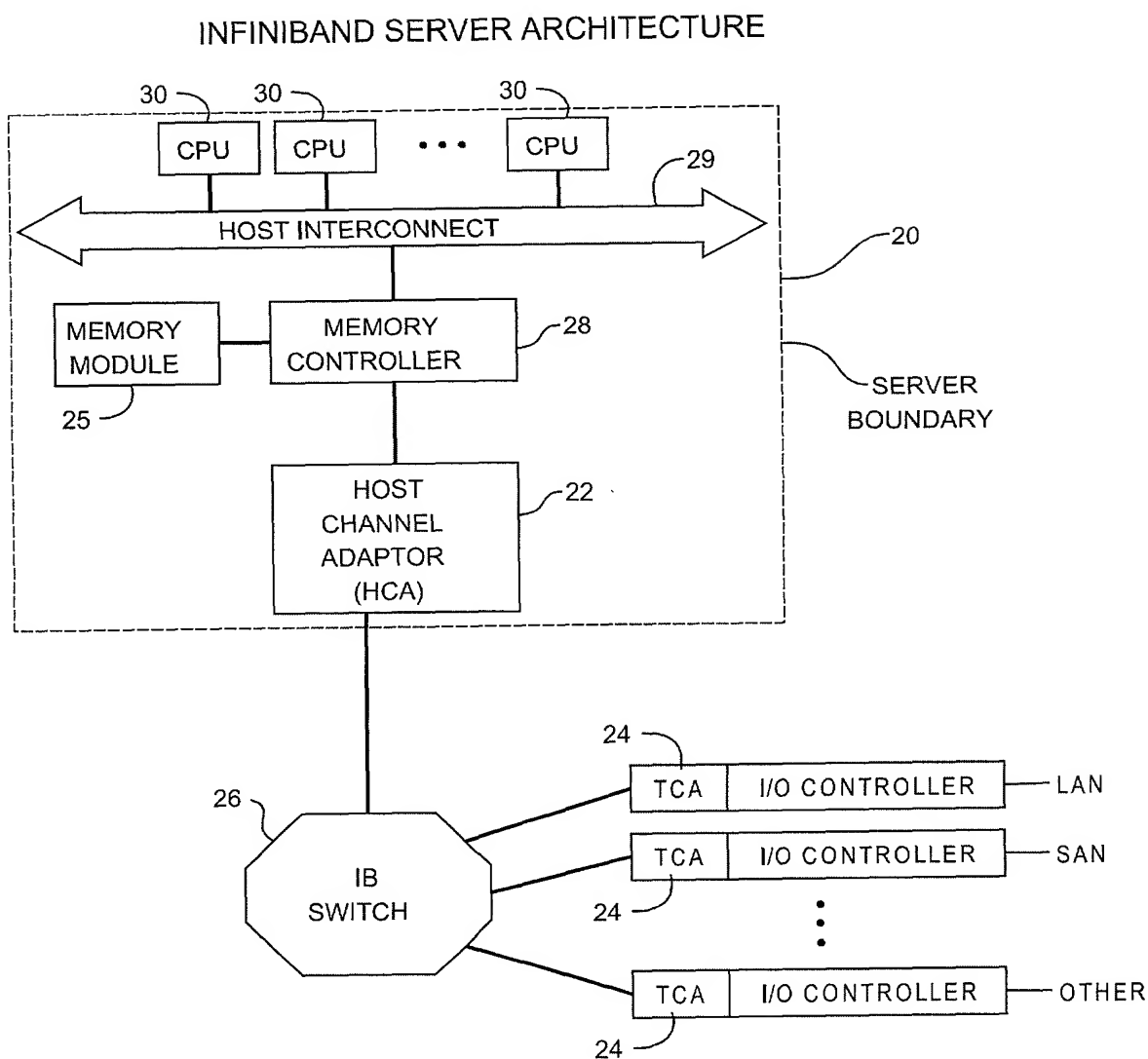


FIG. 4B

INFINIBAND FABRIC ARCHITECTURE

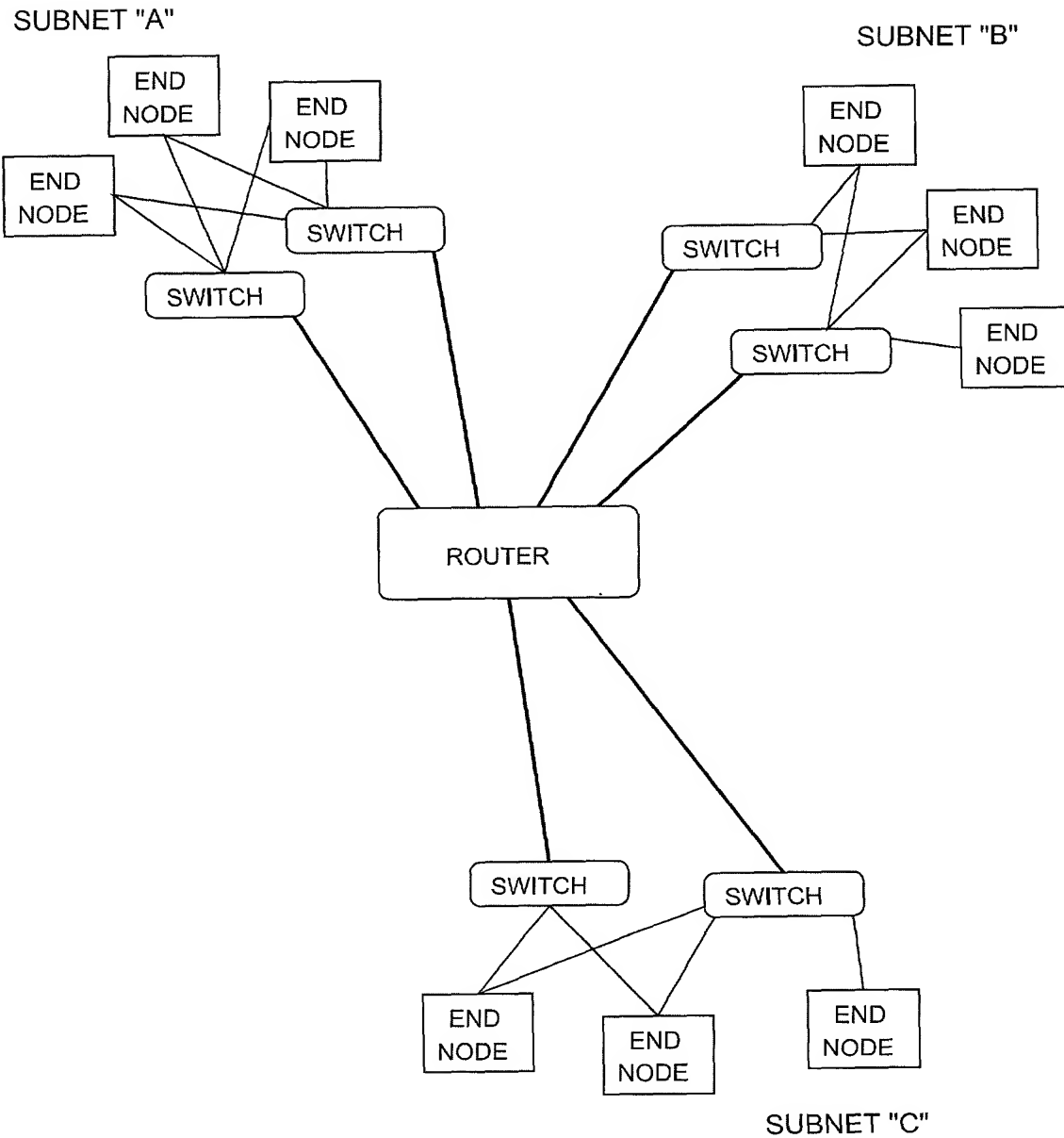


FIG. 5

THE ETHERNET PROTOCOL STACK

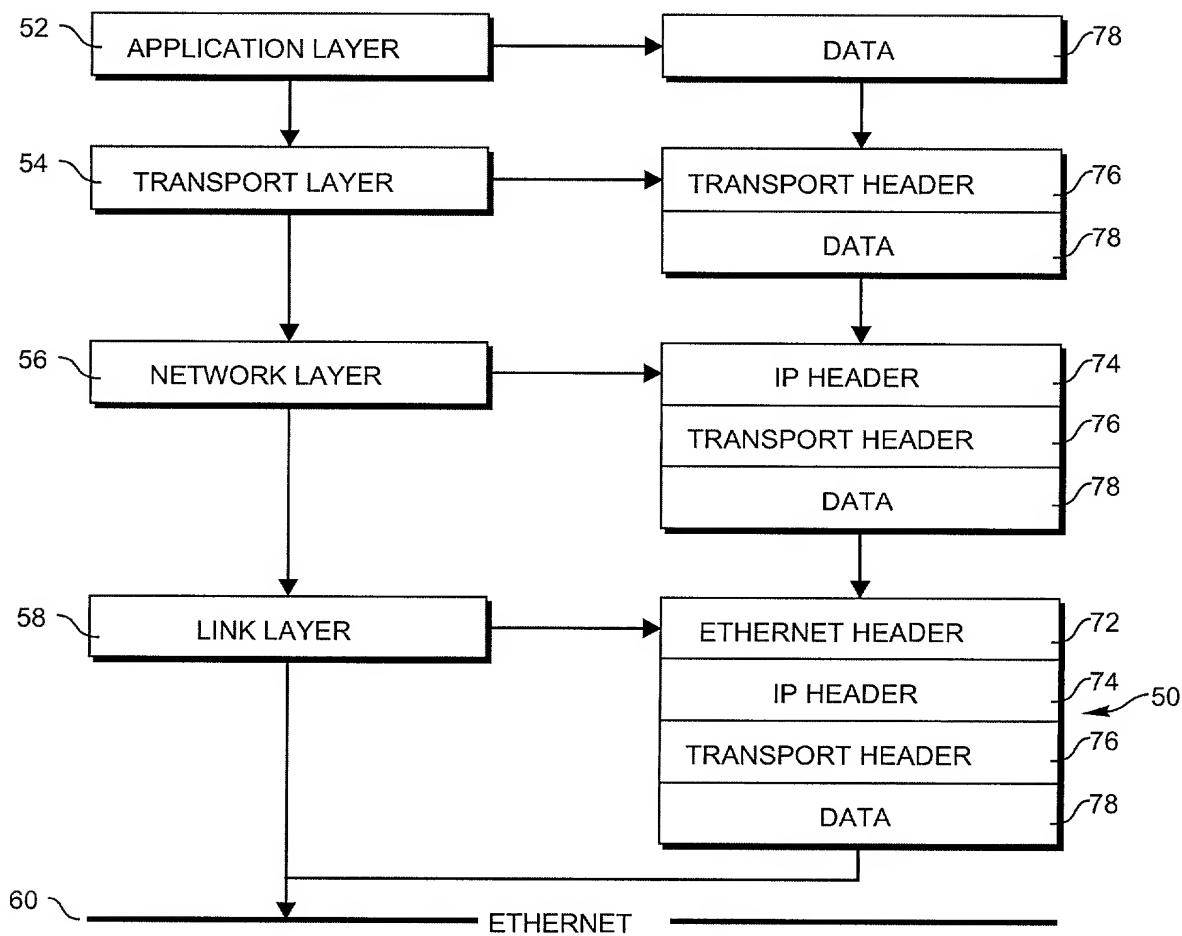


FIG. 6

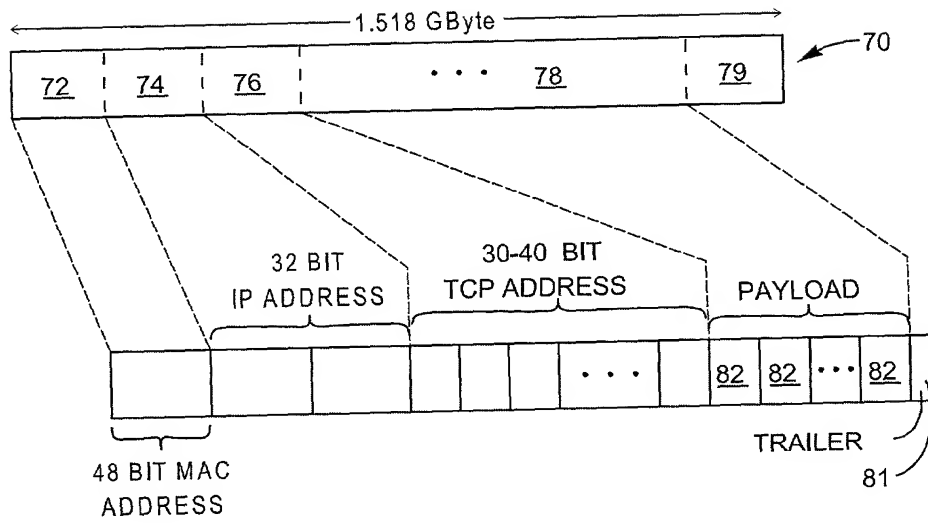




FIG. 7

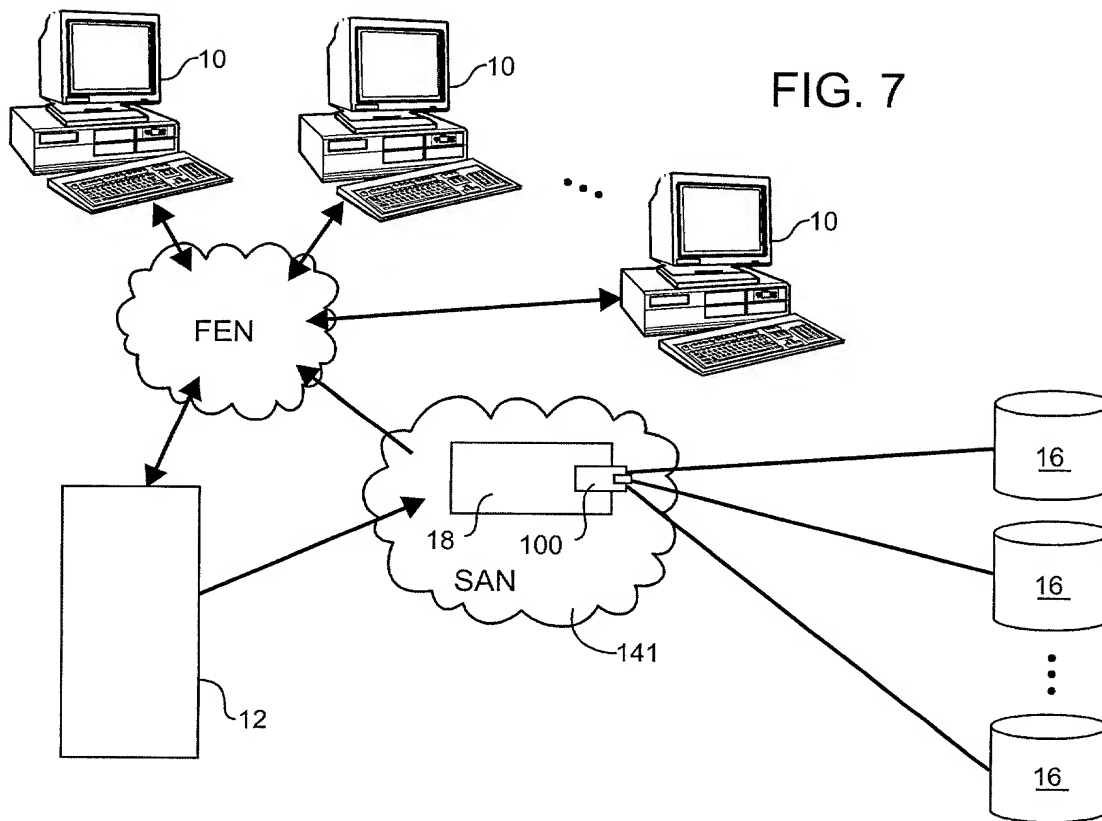
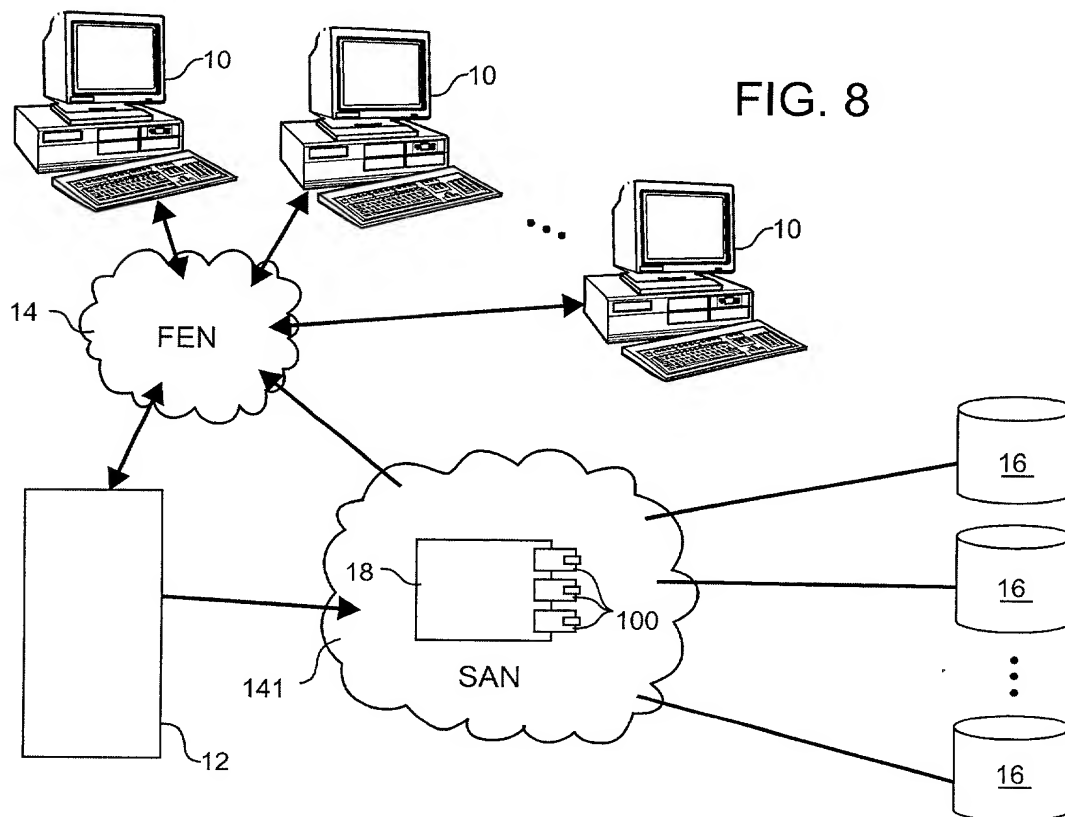


FIG. 8



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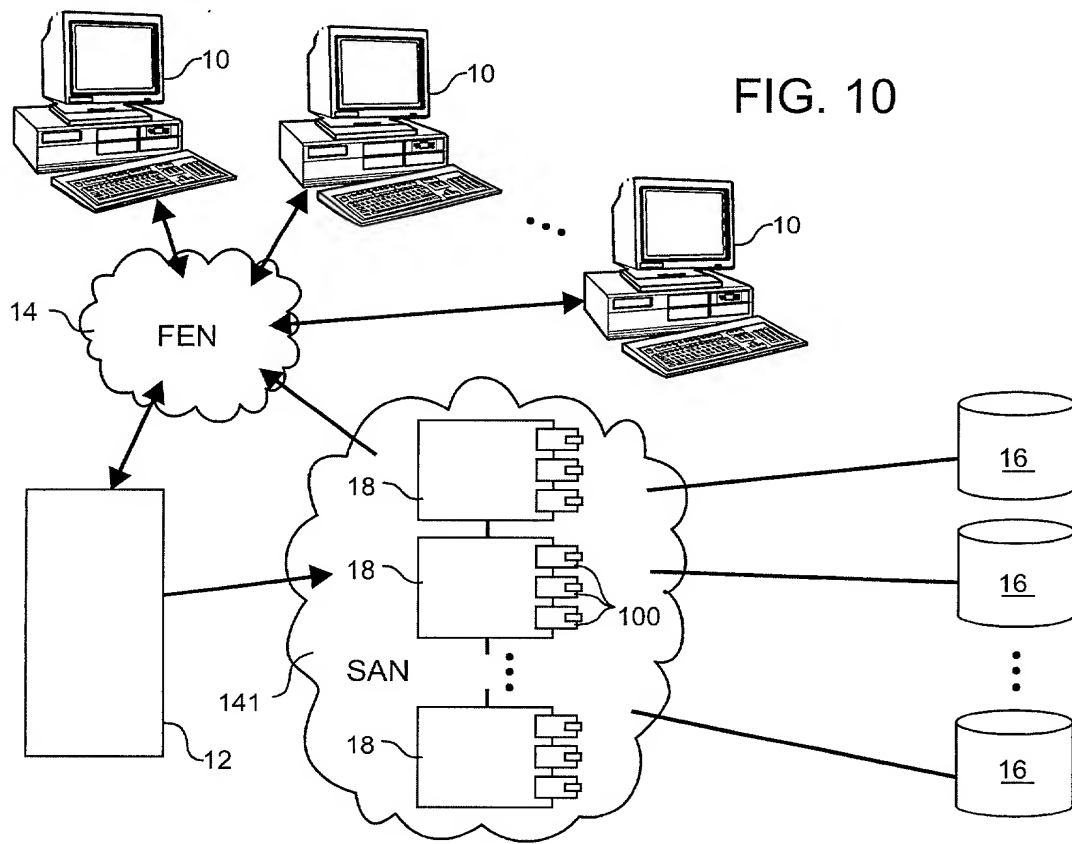
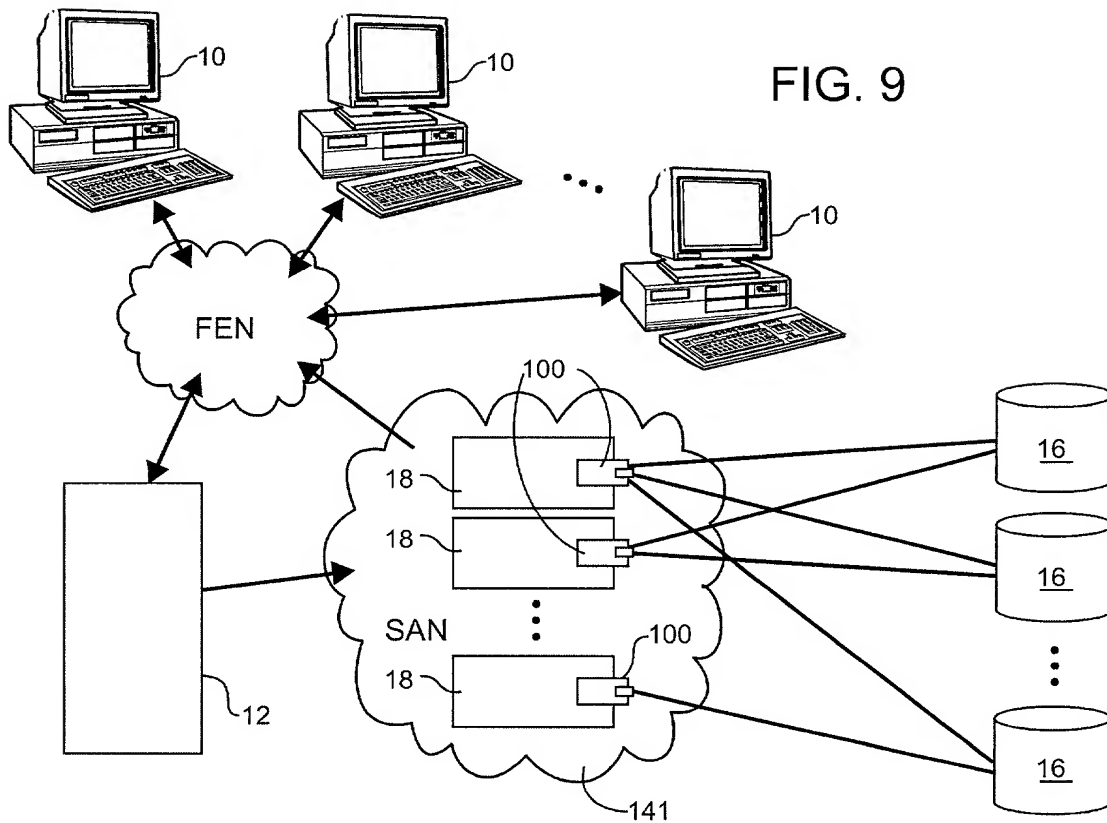


FIG. 9

FIG. 11

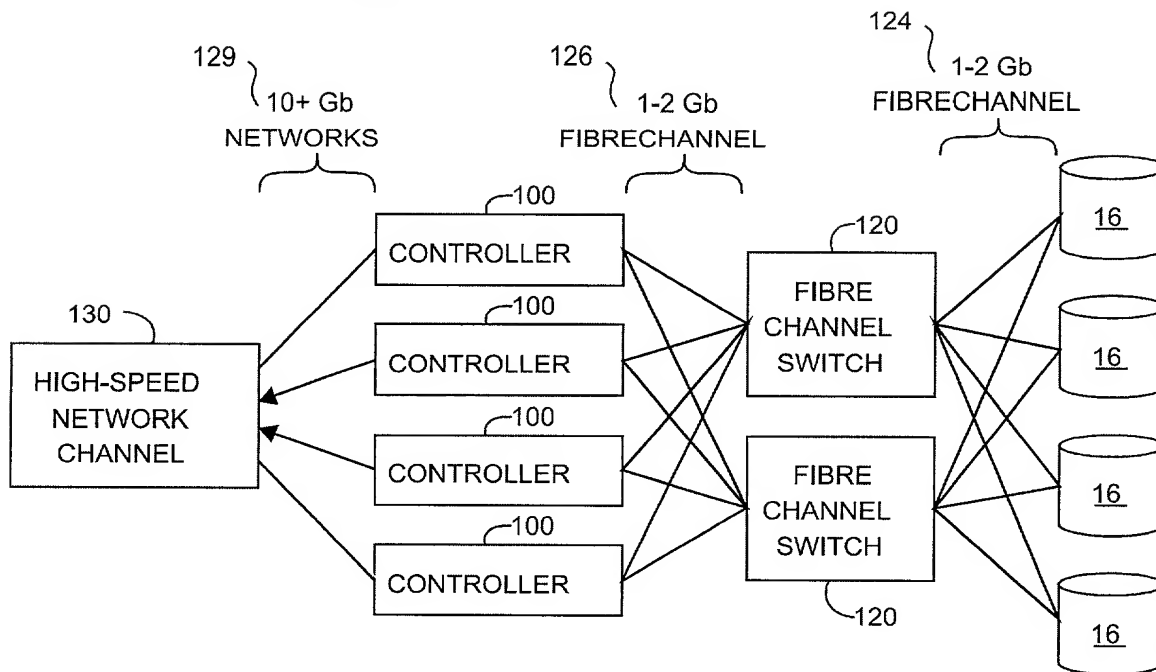


FIG. 12A

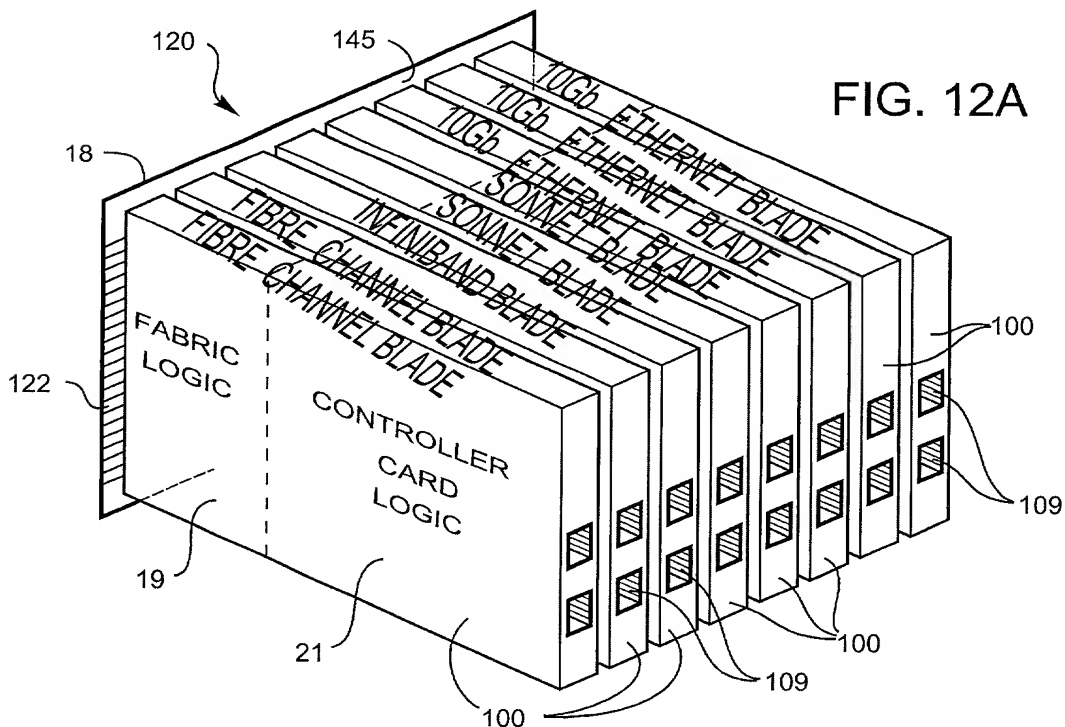


FIG. 12B

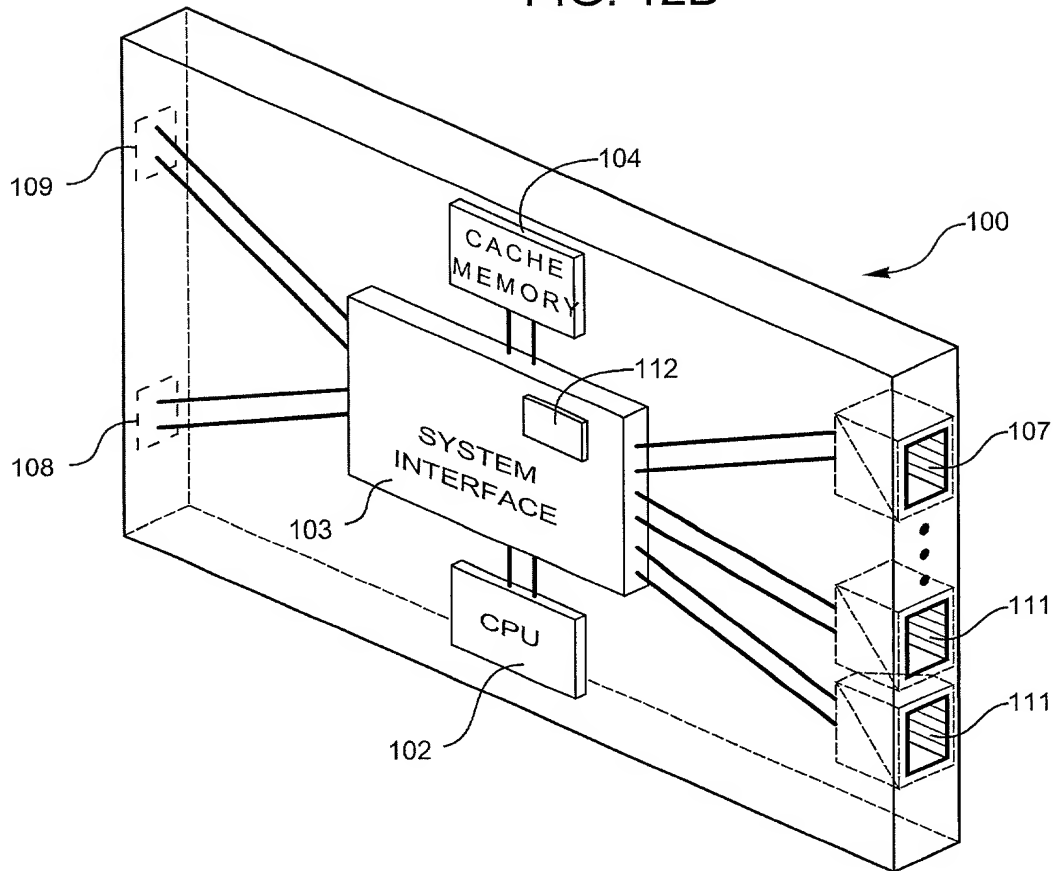


FIG. 12B

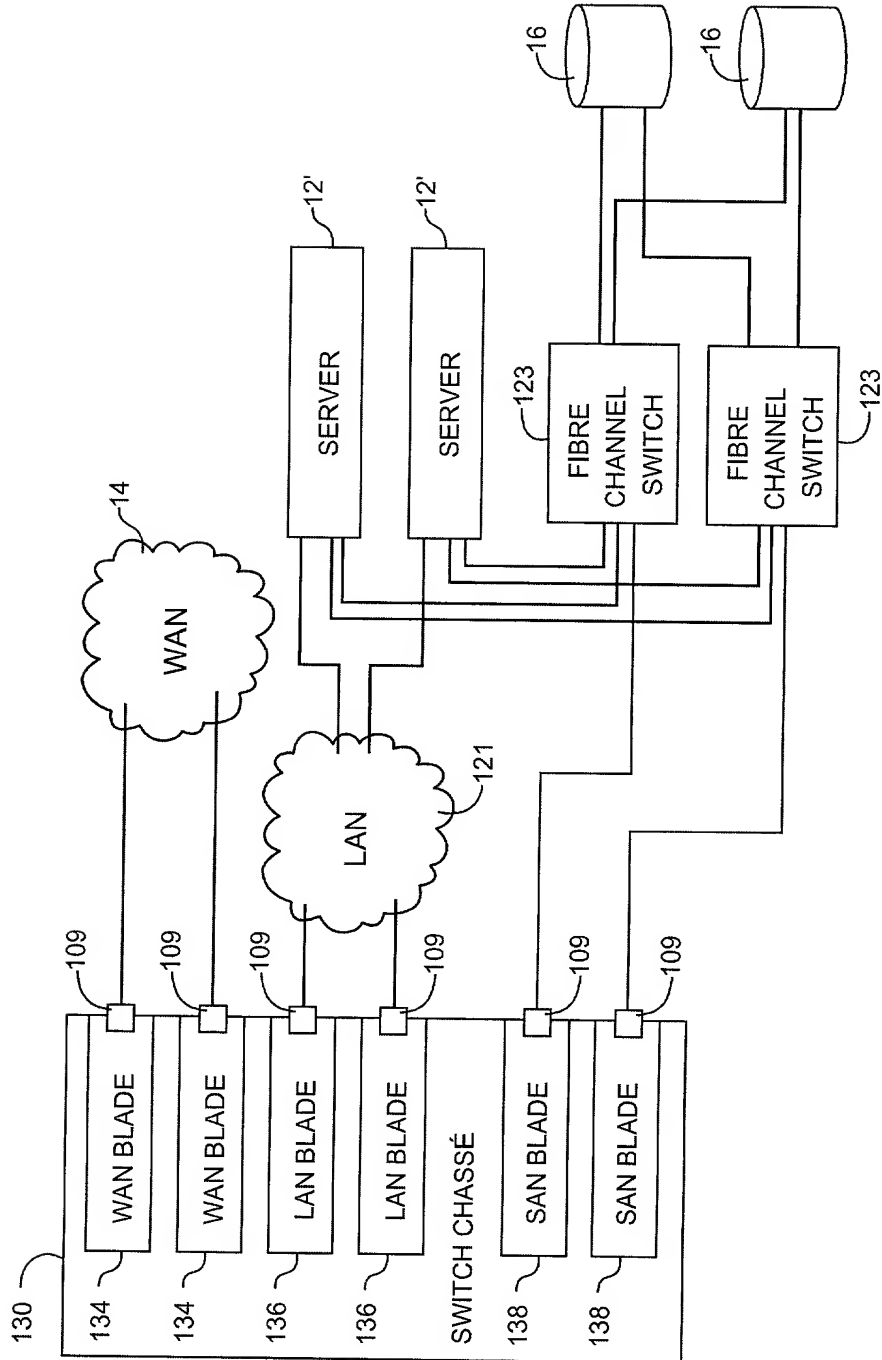


FIG. 13

Approved for Release

FIG. 14

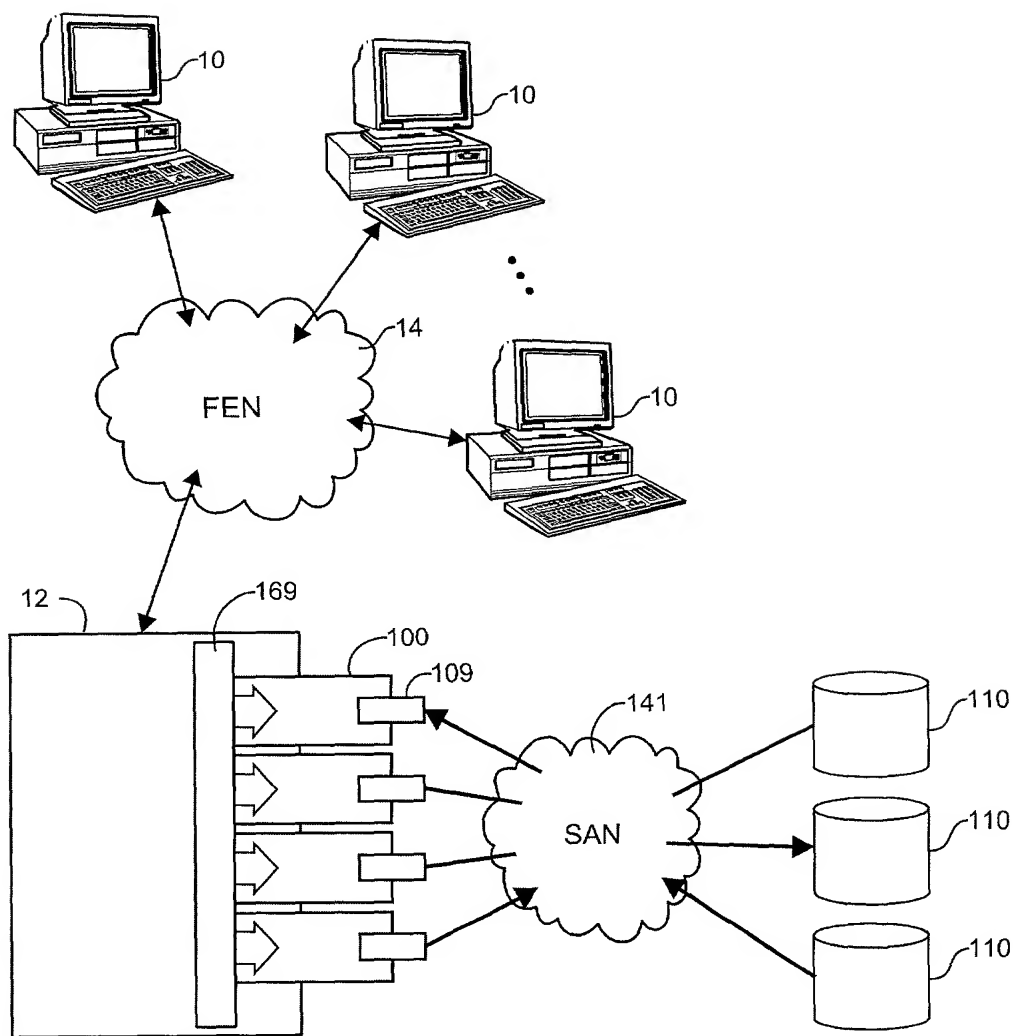


FIG. 14

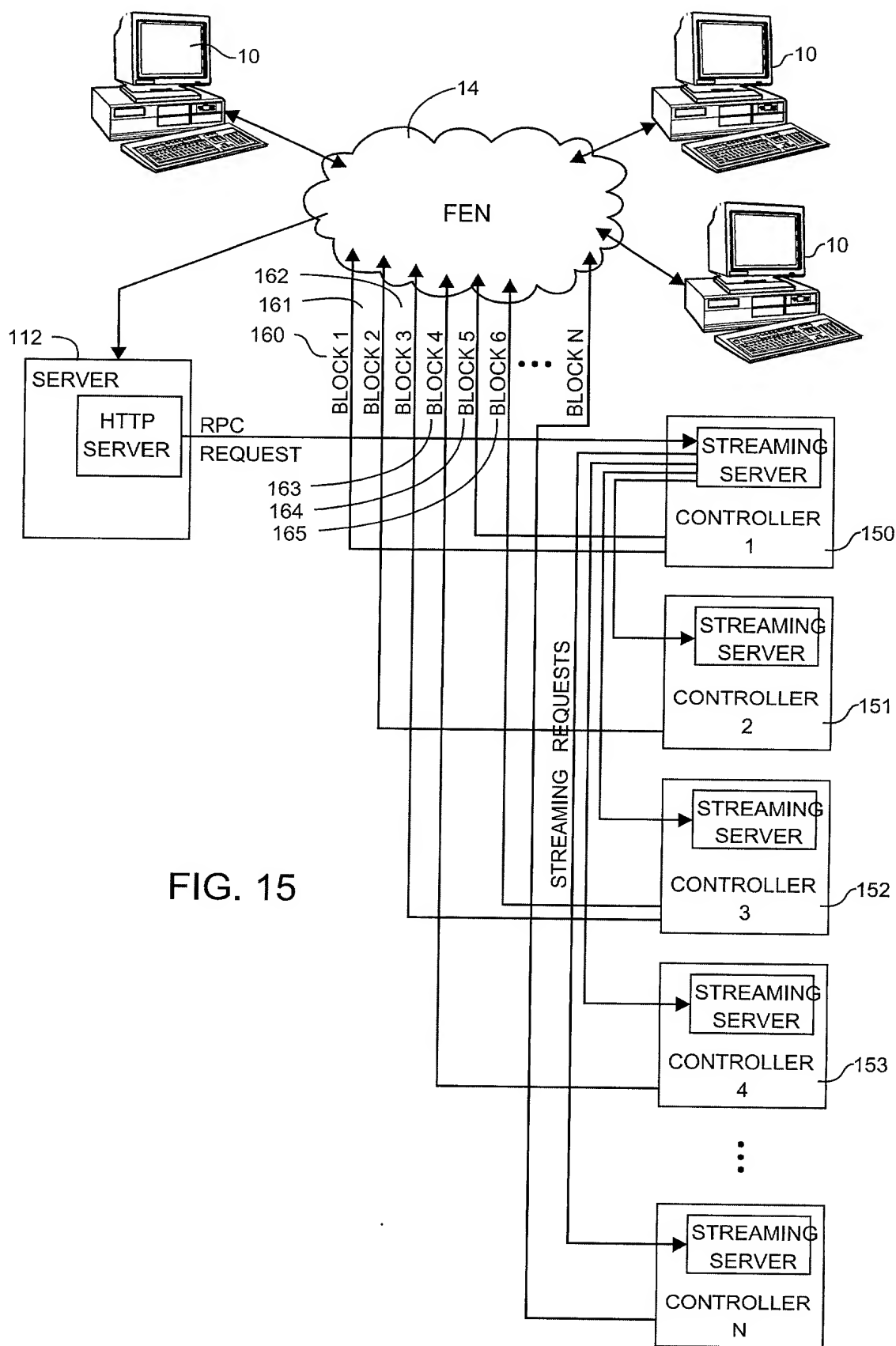


FIG. 15

FIG. 15

FIG. 16

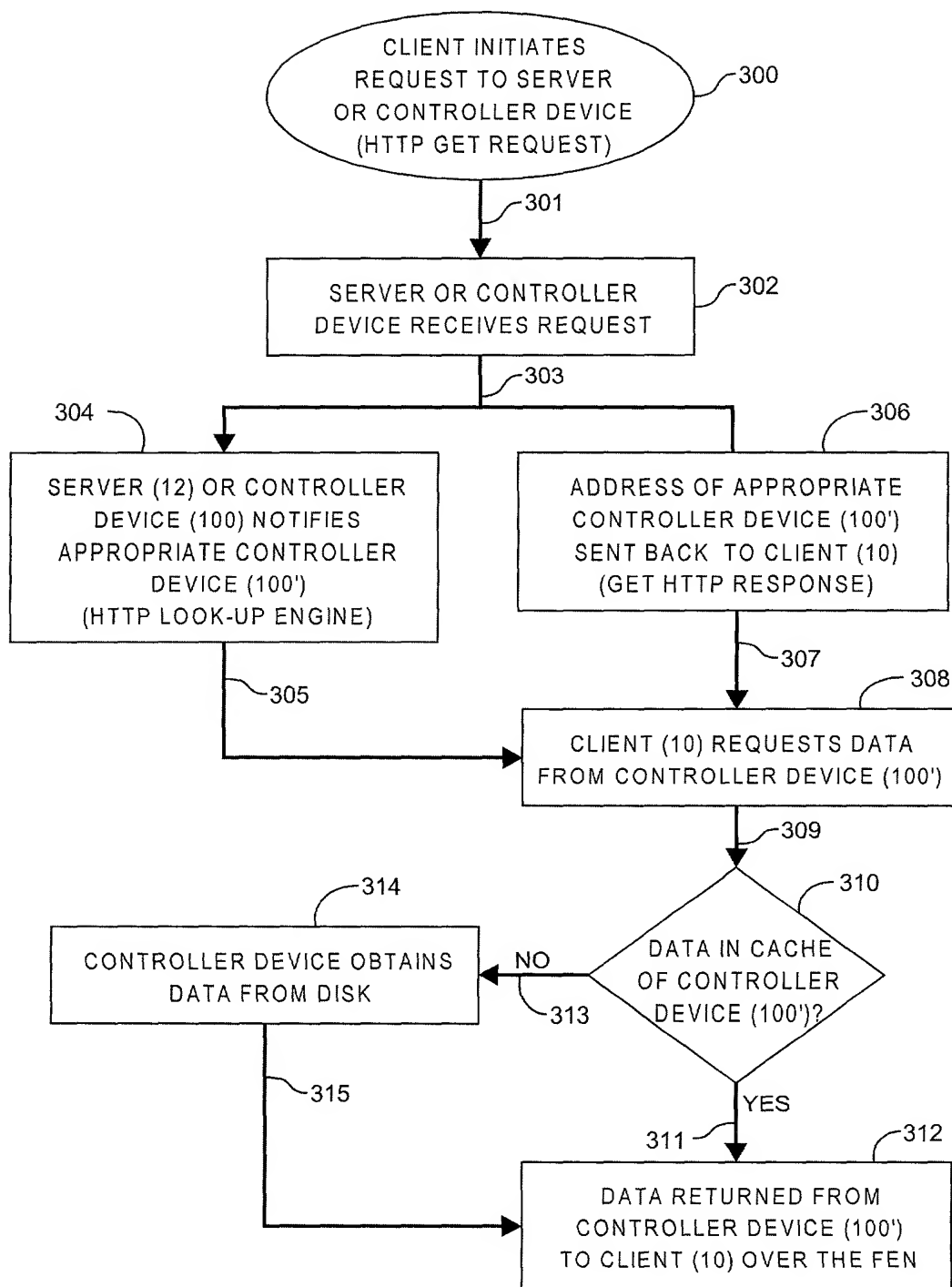




FIG. 17A

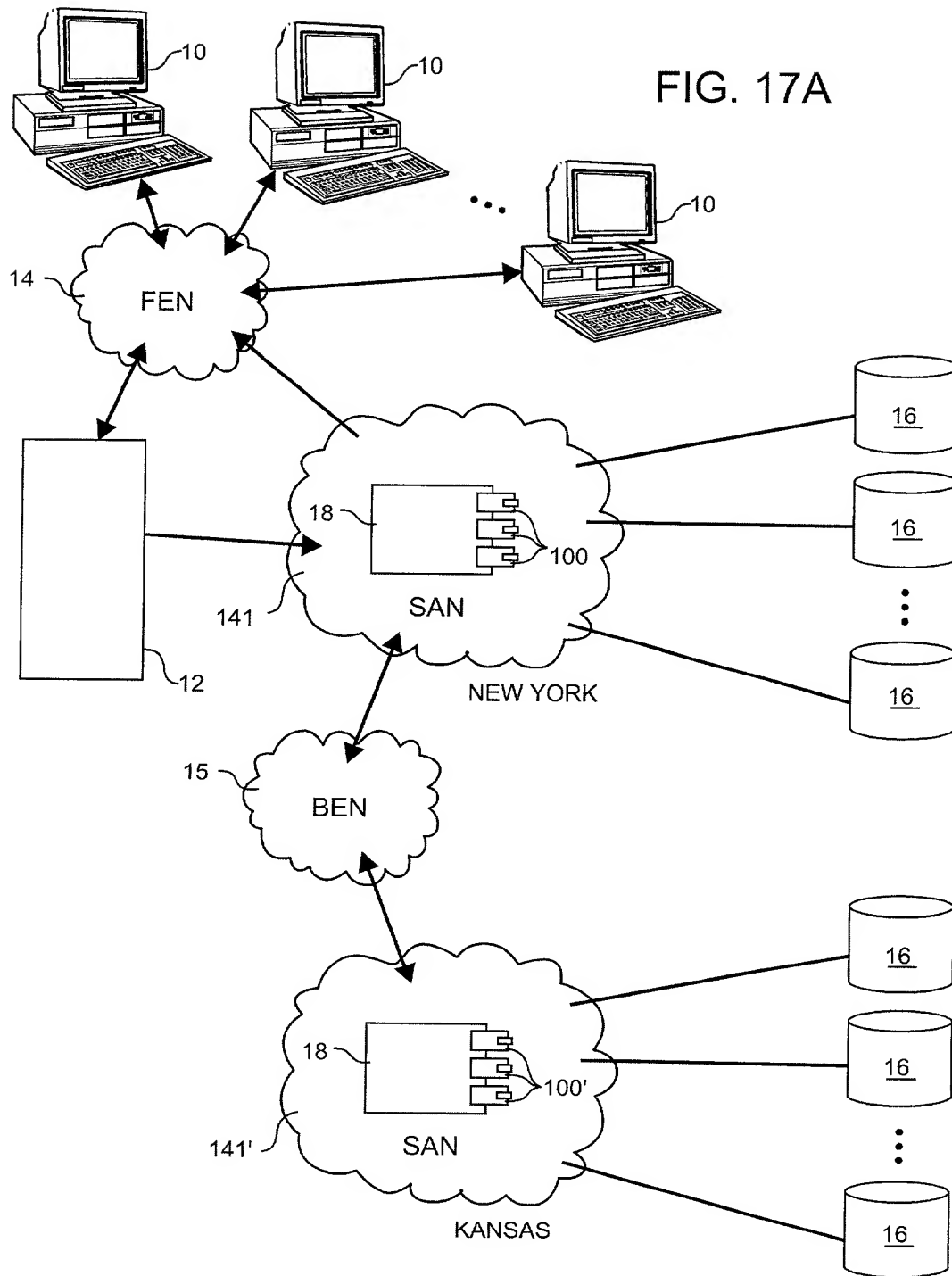


FIG. 17B

